Tamiami Trail Flow Formula (TTFF) - Target Flow from WCA-3A to ENP

Daily Target Flow for			4/27/2021	to	5/3/2021	1026	cfs
Observed Stage Data							
Station	Variable			on	4/23/2021	Value	Unit
WCA-3A (Average for Site 63, 64 and 65)	Average Daily Stage				., ,		ft-NGVD29
NESRS2	Average Daily Stage					7.68	ft-NGVD29
Regulatory Stage WCA-3A	Average Daily Stage					9.75	ft-NGVD29
Observed Flow Data							
<u>Station</u>	<u>Variable</u>	From	4/17/2021	to	4/23/2021	<u>Value</u>	<u>Unit</u>
S-12A	7-day Average Daily Flow					0	cfs
S-12B	7-day Average Daily Flow					0	cfs
S-12C	7-day Average Daily Flow					0	cfs
S-12D	7-day Average Daily Flow					144	
S-333	7-day Average Daily Flow					417	
S-333N	7-day Average Daily Flow					464	
S-334	7-day Average Daily Flow					0	cfs
S-12s Total	7-day Average Daily Flow					144	cfs
S333 + S333N - S334 ¹	7-day Average Daily Flow					882	cfs
Total Flow to ENP	7-day Average Daily Flow					1025	cfs
Meteorological Data							
<u>Forecasted</u>		From	4/23/2021	to	4/29/2021	<u>Value</u>	<u>Unit</u>
WCA3 7-day Quantitative Precipitation Foreca	st (QPF)					0.11	in
3AS3WX - 7-day Total Forecasted PET						1.02	in
Observed		From	4/17/2021	to	4/23/2021	<u>Value</u>	<u>Unit</u>
WCA-3 7-day Total Observed NEXRAD Rainfal	I					0.70	in
3AS3WX 7-day Total Observed PET						1.02	in
TTFF Application							
1 Previous week target flow (calculated with forecasted 7-day QPF and PET) 1047 of 104						cfc	
2 Previous week target flow (calculated with lobserved rainfall and PET)						1047	
							cfs
						_	
 This week calculated target flow This week target flow with adjustment (3 + 4) 						995	cfs
,	stment (3 + 4)					1026	
Average Daily Target Flow ²						1026	cfs

Target flow is distributed from east to west (S-333, S-12D, S-12C, S-12B, and S-12A) to prioritize water deliveries to NESRS first and WSRS second, subject to downstream constraints.

Previous 7-day Average Flow (β3) Forecast Precipitation (β4)

TTFF formula coefficients

Forecast PET (β5)

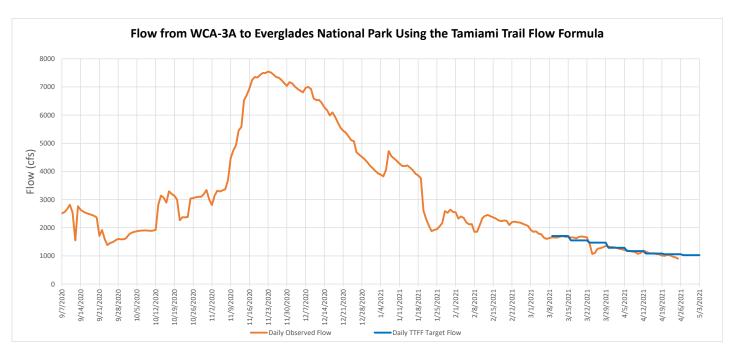
Regulation Schedule Stage (β6)

-221 79

0 644

NESRS2 Stage (β2)

WCA-3A Average Stage (β1)



¹S-333 + S-333N - S-334 becomes zero if the sum of S-333 and S-333N is less than S-334 flow. Calculation is done daily.

²Actual discharges may vary from target discharges because of changing hydrologic conditions.